

Title (en)
Process for preparing alpha-hydroxycarboxylate

Title (de)
Verfahren zum Herstellen von Alpha-Hydroxycarboxylaten

Title (fr)
Procédé de préparation d'alpha-hydroxycarboxylates

Publication
EP 0945423 A3 20000112 (EN)

Application
EP 99105238 A 19990313

Priority

- JP 7736998 A 19980325
- JP 10288098 A 19980414
- JP 10288198 A 19980414
- JP 19444798 A 19980709
- US 27486399 A 19990323

Abstract (en)
[origin: EP0945423A2] There is herein disclosed a process for efficiently preparing, from an alpha -hydroxycarboxylic amide and an alcohol in an industrially advantageous manner, an alpha -hydroxycarboxylate which is useful as any of raw materials for solvents, food additives, perfumes, various organic medicines and the like. According to the present invention, there is provided a process for preparing an alpha -hydroxycarboxylate which comprises the step of reacting an alpha -hydroxycarboxylic amide and an alcohol in the presence of a catalyst in a liquid phase, while an ammonia concentration in a reaction solution is maintained at 0.1% by weight or less by discharging generated ammonia as a gas into a gaseous phase. <IMAGE>

IPC 1-7
C07C 69/675; **C07C 69/68**; **C07C 67/20**

IPC 8 full level
C07C 67/20 (2006.01); **C07C 69/675** (2006.01); **C07C 69/68** (2006.01)

CPC (source: EP US)
C07C 67/20 (2013.01 - EP US)

Citation (search report)

- [DX] DATABASE WPI Week 199549, Derwent World Patents Index; AN 1995-380018, XP002123077
- [X] DATABASE WPI Week 199621, Derwent World Patents Index; AN 1996-205484, XP002123078
- [DX] DATABASE WPI Week 199510, Derwent World Patents Index; AN 1995-070252, XP002123079

Cited by
WO2013026603A1; DE102007011706A1; US2014135521A1; DE10353934A1; FR3012139A1; CN105612142A; US8569539B2; US10227284B2; WO2015055842A1; WO2008009503A1; WO2007131829A1; WO2018205108A1; WO2016016073A1; DE102011081256A1; EP3026039A1; WO2016083167A1; DE102013213699A1; WO2015003998A1; US7728166B2; US10696617B2; EP3057932B1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0945423 A2 19990929; **EP 0945423 A3 20000112**; **EP 0945423 B1 20030528**; DE 69908230 D1 20030703; DE 69908230 T2 20040408; ES 2200429 T3 20040301; TW 442466 B 20010623; US 6310236 B1 20011030

DOCDB simple family (application)
EP 99105238 A 19990313; DE 69908230 T 19990313; ES 99105238 T 19990313; TW 88104250 A 19990318; US 27486399 A 19990323